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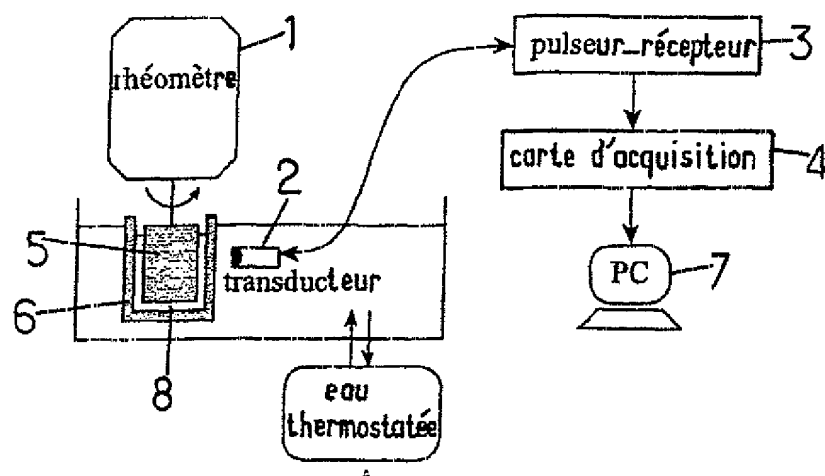
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As printed

(54) Title: METHOD AND DEVICE FOR CHARACTERIZING A FLUID

(54) Titre : PROCÉDE ET DISPOSITIF DE CARACTERISATION D'UN FLUIDE



- 1 RHEOMETER
- 2 TRANSDUCER
- 3 PULSER-RECEIVER
- 4 ACQUISITION CARD
- A. THERMOSTATED WATER

(57) Abstract: A method for the characterizing a fluid containing particles reflecting ultrasounds wherein a sample of fluid placed between two surfaces (5, 6) in a rheometer (1) undergoes stress in order to measure the rheological characteristics of the sample (8) during relative movement of the two surfaces (5,6) in relation to each other. Local ultrasound data relating to the sample (8) deformation is collected by ultrasonic-wave-measuring means (2,3,4). The invention also relates to a device for carrying out said method

(57) Abrégé : Procédé de caractérisation d'un fluide contenant des particules réfléchissant les ultrasons dans lequel on soumet à des contraintes un échantillon du fluide placé entre deux surfaces (5, 6) dans un rhéomètre (1) pour mesurer des

caractéristiques rhéologiques de l'échantillon (8) lors de la mise en mouvement relatif des deux surfaces (5, 6) l'une par rapport à l'autre. A cet effet, on collecte en outre des données locales ultrasonores de déformations de l'échantillon (8) par des moyens de

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